Volume 48

Cumulative Contents

Issue 1 – October 1990

Announcement from the Publisher v

G. Strote, N.W. Brattig and F.W. Tischendorf (F.R.G.)
Ultrastructural study of the interaction between eosinophilic granulocytes and third and fourth stage larvae of *Onchocerca volvulus* 1

I. Maudlin, S.C. Welburn and P. Milligan (U.K.)
Salivary gland infection: a sex-linked recessive character in tsetse? 9

G.C. Ejezie, E.N.U. Ezedinachi, E.A. Usanga, E.I.I. Gemade, N.W. Ikpatt and A.A.A. Alaribe (Nigeria)
Malaria and its treatment in rural villages of Aboh Mbaise, Imo State, Nigeria 17

N. de Jonge, G. Schommer, H. Feldmeier, F.W. Krijger, A.A. Dafalla, U. Bienzle and A.M. Deelder (The Netherlands, Germany, Sudan)
Mixed *Schistosoma haematobium* and *S. mansoni* infection: Effect of different treatments on the serum level of circulating anodic antigen (CAA) 25

J.C.M. Trail, G.D.M. d'Ieteren, A. Feron, O. Kakiese, M. Mulungo and M. Pelo (Kenya, Zaire)
Effect of trypanosome infection, control of parasitaemia and control of anaemia development on productivity of N'Dama cattle 37

J.C.M. Trail, G.D.M. d'Ieteren, C. Colardelle, J.C. Maille, G. Ordner, B. Sauveroche and G. Yangari (Kenya, Gabon)
Evaluation of a field test for trypanotolerance in young N'Dama cattle 47

H. Bjørn, J. Monrad, A.A. Kassuku and P. Nansen (Denmark, Tanzania)
Resistance to benzimidazoles in *Haemonchus contortus* of sheep in Tanzania 59

J. Monrad, N.Ø. Christensen and P. Nansen (Denmark)
Acquired resistance in goats following a single primary *Schistisoma bovis* infection 69

Short Communication
F. Veas, G. Cuny, S.F. Brenière and M. Tibayrenc (France)
Subspecific kDNA probes for major clones of *Trypanosoma cruzi* 79

Issue 2 – December 1990

Announcement from the Publisher iii

Review
Z.S. Pawłowski (Poland)
Efficacy of low doses of praziquantel in taeniasis 83

Original Research Papers
A.B. MacDonald, B.W. Berger and T.G. Schwan (U.S.A.)
Clinical implications of delayed growth of the Lyme borreliosis spirochete, *Borrelia burgdorferi* 89

E. Zweygarth, R. Kaminsky and P. Webster (Kenya, Germany)
Trypanosoma brucei evansi: Dyskinetoplasia and loss of infectivity after long-term in vitro cultivation 95

O. Olusanya and J. Blomberg (Nigeria, Sweden)
Antibody prevalence against rubella among hospital personnel in Nigeria: Implications for health care system and immunisation policy 101

M. Vogel, N. Müller, B. Gottstein, K. Flury, J. Eckert and Th. Seebeck (Switzerland)
Echinococcus multilocularis: Characterization of a DNA probe 109

K. Strahan, R.A. Kane and D. Rollinson (U.K.)
Development of cloned DNA probes for the identification of snail intermediate hosts within the genus *Bulinus* 117

J.J. McNamara and W.F. Snow (U.K., Gambia)
Improved identification of *Nannomonas* infections in tsetse flies from The Gambia 127

G.O. Ufomadu, B.E.B. Nwoke, J.I. Akoh, Y. Sato, G.O.C. Ekejindu, A. Uchida, K. Shiwaku, M. Tumbau and K.K. Ugomo (Nigeria, Japan)
The occurrence of loiasis, mansonellosis and wucheriasis in the Jarawa River Valley, Central Nigeria 137

C.P. Archibald, J.W. Mak, R.G. Mathias and S. Selvajothi (Canada, Malaysia)
Antibodies to *Plasmodium falciparum* in an indigenous population from a malaria endemic area of Malaysia 149

Short Communication
S.K. Moloo (Kenya)
Large-scale rearing of *Glossina longipennis* in the laboratory 159
Announcement – IDRC–TDR Award: Women and Tropical Diseases 161
Announcement – First International Symposium on Phlebotomine Sandflies 162

Issue 3 – January 1991

Review
M.G. Chen (P.R. China)
Relative distribution of *Schistosoma japonicum* eggs in the intestine of man: a subject of inconsistency 163

Original Research Papers
J.K. Nayar, C.G. Crowder and J.W. Knight (U.S.A.)
In vitro development of *Brugia pahangi* and *Brugia malayi* in cultured mosquito thoraces 173

M.L. Pompeu, L.A. Freitas, M.L.V. Santos, M. Khouri and M. Barral-Netto (Brazil)
Granulocytes in the inflammatory process of BALB/c mice infected by *Leishmania amazonensis*. A quantitative approach 185

M.S. Omar, H.A.H. Abu-Zeid and A.A.R. Mahfouz (Saudi Arabia)
Intestinal parasitic infections in schoolchildren of Abha (Asir), Saudi Arabia 195

G. De Sole, J. Giese, F.M. Keita and J. Remme (Burkina Faso)
Detailed epidemiological mapping of three onchocerciasis foci in West Africa 203

Z. Wiesenfeld-Hallin, K. Kristensson, E.-B. Samuelsson and M. Schultzberg (Sweden)
Studies of hyperalgesia induced by *Trypanosoma brucei brucei* infection in rats 215

E. Zweygarth and R. Kaminsky (Kenya, F.R.G.)
Evaluation of DL-α-difluoromethylornithine against susceptible and drug-resistant *Trypanosoma brucei brucei* 223

S. Giovanni De Simone, R.T. Pinho, C.M.M. Vanni and L.C. Pontes de Carvalho (Brazil)
Isolation and immunological analysis of *Trypanosoma cruzi* glycolipids 233

Short Communications

T.M.E. Davis, M. Ho, W. Supanaranond, S. Looareesuwan, S. Pukrittayakamee and N.J. White (Thailand, U.K.)
Changes in the peripheral blood eosinophil count in falciparum malaria 243

J.Z.J. Killewo, S. Cairncross, J.E.M. Smet, L.F. Maikwano and H. van Asten (U.K., The Netherlands, Tanzania)
Patterns of hookworm and *Ascaris* infection in Dar es Salaam 247

Announcement – XIII International Congress for Tropical Medicine and Malaria 250

Issue 4 – February 1991

P. Geissberger and U. Séquin (Switzerland)
Constituents of *Bidens pilosa* L.: Do the components found so far explain the use of this plant in traditional medicine? 251

S. Looareesuwen, T.M.E. Davis, S. Pukrittayakamee, W. Supanaranond, V. Desakorn, K. Silamut, S. Krishna, S. Boonamrung and N.J. White (Thailand, U.K.)
Erythrocyte survival in severe falciparum malaria 263

A.P. Plaisier, G.J. van Oortmarssen, J. Remme and J.D.F. Habbema (The Netherlands, Burkina Faso)
The reproductive lifespan of *Onchocerca volvulus* in West African savanna 271

J.C.M. Trail, G.D.M. d'Ieteren, J.C. Maille and G. Yangari (Gabon)
Genetic aspects of control of anaemia development in trypanotolerant N'Dama cattle 285

T.M. Litchfield, C.D. Mackenzie and M.G.R. Varma (U.K.)
The conditions required for the maintenance of *Onchocerca lienalis* microfilariae in vitro 293

K. Cheirmaraj and B.C. Harinath (India)
Humoral immune response to infective larval antigen in *Brugia malayi* infected *Mastomys natalensis* 305

Short Communications

C. Lengeler, S. Komba and D. Morona (Tanzania)
Urinary schistosomiasis: Influence of the circadian variation of hematuria and proteinuria on reagent stick testing 313

J. Schweizer and L. Jenni (Switzerland)
Hybrid formation in the life cycle of *Trypanosoma* (*T.*) *brucei*: Detection of hybrid trypanosomes in a midgut-derived isolate 319

Author Index vol. 48 323

Key Word Index vol. 48 327

Cumulative Contents vol. 48 329

Announcement – IV International Congress on Malaria and Babesiosis 332